

Microarray Genes(FP19313).ST25.txt
SEQUENCE LISTING

<110> Bionomics Limited

<120> P14

<130> Angiogenesis Microarray Genes

<160> 58

<170> PatentIn version 3.2

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120

Microarray Genes(FP19313).ST25.txt

tgttggcact gagaaggctg ttgaatgagg aaggattaga tacatatttt atgaagggtca
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Microarray Genes (FP19313).ST25.txt

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Microarray Genes(FP19313).ST25.txt

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Microarray Genes(FP19313).ST25.txt

240

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catagtcctt tgtgtttgat atttctttct tctccttaaa tgtggtagct ccatgagcac
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Microarray Genes (FP19313).ST25.txt

360

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1320

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Microarray Genes (FP19313).ST25.txt

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1620

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1680

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<212> DNA
<213> Homo sapiens

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Microarray Genes (FP19313).ST25.txt

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Microarray Genes(FP19313).ST25.txt

120

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caaatggtaa cttgacatca gaaaaaaaaa ttgaaccctg ttcattttct ctatctgaat
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tttattatat tttatgctac ttatttttaa aatattactt attttattgt atttggtgaa
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ttttatttta ttctacttct ctgaaaaaat ggatcatctat tcatagttcg tgttattcct
420

ccagttaact aactgatgca gcagttgatg ggaacttctc tgtaacacta gatacatgag
480

atattataat attttttctt tttcttttagt tgttgtatag tcgtctatct cagctagtag
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agactatgta tgtcagtggt acatctattg catctaatat aggaccctag ctgtgaaggc
240

ctttaagaat agtataattt tatggaagca tgcctttttt ggcttgtaaa gactaccctc
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ttgactttca gaaactaagt catcaccttc acgtataatt aaatcaaaga tgcaaattct

Microarray Genes (FP19313).ST25.txt

360

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<212> DNA

<213> Homo sapiens

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Microarray Genes (FP19313).ST25.txt

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<210> 14

<211> 1886

<212> DNA

<213> Homo sapiens

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Microarray Genes (FP19313).ST25.txt

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ctaaaacagg ttagccaatg tatttttctt aaattcattg ttcattttta agctaacct
780

tacaaatgga tattaacac cagaaattaa agccattaaa attgaattgt actttaaac
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cataaaaaat gctaattaag tttagaacag gagttgaaat gactctcagt tttatctata
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960

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1020

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1080

Microarray Genes (FP19313).ST25.txt

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 1860
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 1886

<210> 15
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 <212> DNA
 <213> Homo sapiens

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Microarray Genes (FP19313).ST25.txt

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120

gtaagtccctc tatcccagca tatgaccctc aataaataga tgagtgggaa cagcggatca
180

tgaatatgac caactctctc actcgtgcgt atacaaattg tagtccttcc tatgaataaa
240

gcagtggagc ataggacttc ttggacaact tcatacccag aaacttgggg agaagccaaa
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420

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tgacatgttt cacacactgt cttggtgcag atatgagaaa gcccttgtcc acagcccagg
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Microarray Genes(FP19313).ST25.txt

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gaatagaata gaataagccg acctttaact acagtcctta aatgaggaaa tctccaccct
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gggccagctg tgccaggaat cccgacgaga tggaactccg ctgtgggtta taggcagggc
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tgattttcag gggggagtgc acccatctgg actccctgct gttcccatca atctattcca
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cagctgatag gagacagctt ctaccagcc caccctttg gtggctacac cagcttggca
780

cagtctctca ttgctgaaga gcatcccccc gccaaactccg cccaatcccc acctccagtc
840

ttgactactt ttcattgggtt tgtttggtta aattgacatc tcctgatttt caaaaccttg
900

ctgattaaca aagcaaaaag agcacacaca aaaaaaaaaa aaaaaaaaaa aggacgcggc
960

cgcaagctta ttcccttttag tgagggttaa ttttagcttg gcactggccg t
1011

<210> 17

<211> 1279

<212> DNA

<213> Homo sapiens

<400> 17

tcttgccttc attaatagat ttactaactg tatttatagt aataaaaatc ctttatgtct
60

ttatatgtac ctgtgccaac atacacaaat taatgtaata tcctatatta agggaataaa
120

Microarray Genes (FP19313).ST25.txt

atataaaaaat tatatgatta tctcaataga tgcagaaaaa tacttaacaa agttcaacat
180

gttttcatga tacaaactct caacaaaata catatagaag aaaatttcct caacataact
240

aaagccattt ataaaaagcc aactgccaac ataattttct ttgaagtttt aaagaccatg
300

gatcgatttt tctctttatg tagcctaata tgatttttat attcatalct gttaaggcat
360

acacaataga aattatatgt tgacactacc tttagagtcc aggctcctta acctatacat
420

gcatttgtaa ctgtatctta cctgttattt gatgctaaaa gatggaaagg ttttcctcta
480

agatacagta caaggcaagg tacaaagatg cccaccctct gcacttctat tcaacagttc
540

tattaaaatt gctggaaata ctagcaagga caatcagata agaaaaataa atagaagcca
600

tccaaatgca aaaggaagca aaattatctt tgtttgcaga tgatatgatc ctctgtgtag
660

aaaatcctta aaatgtcaca aaaattgtta gaactaatga tcgaattcag taaagtagca
720

ggacacaaaa tcaacatcaa aaatcagttg cattttattta catcaataat gatctatctg
780

taaaagaaat caagatggtc agacagtttt tataagataa tctgtggaaa atatgtaaaa
840

cttcttctga tattatacca ttcttgtatt tgaatgatat gacctatttg tatattattt
900

tttaaagca ttgctagatt ttgttggtta cattttaagt atattgaatc tataactcata
960

tataacattg ttagatgtat tcacagtga ctgcaacttt tatcattatg ttcttactat
1020

ttgttatatt tttcttttta ttgaactatc aaagaagttt tctacattat tttcatttat
1080

gtataaaatc atttatatat aacatttata cgtaaaatca tttttatata aaaatataca
1140

Microarray Genes(FP19313).ST25.txt

taatttatga ataatgatc ttacattatt tctacaaaaa aaaaaaaaaa aaaaattcct
1200

gcggccgcaa gcttattccc tttagtgagg gttaatttta gcttggcact ggccgtcttt
1260

tacaacacgc catcacaac
1279

<210> 18
<211> 2290
<212> DNA
<213> Homo sapiens

<400> 18
acaaacttag aaaacttcat gtactctgga gttcacaggt gttttccttt tgcattgtgc
60

cttctccttt cctcctatca caaagaatgc ttctattatc actcccagtc acttaaagtc
120

cattctgctt cttagcagg aaaaaatacc tgaatgaatt ctcttacaga aagacagttg
180

gactgaattt gctttttaca atcagtgtgg aaaatatcat agtcaattga ggcaatcagt
240

agaaatctca ctaaaagttt gtaccccctg agtatgggta acagcttaaa cggcaagaat
300

atataaaagt agcaacagtt tagtggggagc caaaaagcac taggttaaata atcatactac
360

gttttttaaag acttgataaa tgtgtacact tgaacaacca tccagaggga tagttacttg
420

agcattacag agtagtgga ctcaaaatct aagattcatc tgggatactt ctaaaagaaa
480

tgtcagagtt tggaatctca ctcttaaaaa tgtgtattcc caggctaggc atggtggctc
540

acgcctgtaa tcctagcact ttgggaggcc aaggcgggtg aatcacttga agtcaggaga
600

tcaagaccag cttagtcgac atggtgaaac cccgtctcta ctaaaagtac aaaaaatta
660

gctgggcatg atggcgtgtg cctataatcc cacctactcg ggaggctgag gcaggagaat
720

Microarray Genes (FP19313).ST25.txt

cgcttgaacc tgggagggcg aagttgcagt gagccgagat ggcgccactg tagtccagtc
780

tgggcgacag agtgagattc tgcctcaaaa taaataaata aataaaaatt tgtattccat
840

tgatttgggt agacaccagg aatgtgcatt tctaacargc tttccaggcg atcctatagt
900

aagtcacctg tggactactt taagaaactc ttctatagag aatggagttg gattaataat
960

aggtgatttt ttacactgga ctgattcaca agaacctaaa cagtagtcca tgaagctgct
1020

catctgtggt aactatttgg ccccgctctca ctctgaaagc agcaggagat gttgtttact
1080

ttgtttctat cccctttgtc tggagattaa ttttggaaatg aaagtttttc tctctatgcc
1140

attcctgggt cttttccaaa gcctcataca agaggattag gtcacaatgc atgcattacc
1200

ttttaaaaga atgcgatatt gataccgatg cttacttttt tttttttact acttgtttta
1260

ttccttccag aaagtatagc ccgcctttct atagcatagt tctctttagg tggaatgatt
1320

cctataagat ttctcattat taaatcatgc atttttcaag atggaatcaa tctttgattt
1380

aatctaagct gatattctca tttgttagaa gaacaacctc catgctagag agagaggagg
1440

aaatataccc acgaccacac agccagttag tatccagttg gtgctggact ccagccaggt
1500

gtcctgcctc atggtagtta aatgatatat agaaaaggta aattttttaa gaaatattta
1560

ttaatatatt cctataaaac attttaaagg taaccacata aaaatgggta atttttccat
1620

tccaaagtaa atgctaagca tgtttattaa tgaagcagta cttctgatta gtatatgaca
1680

ttctgaagtt aattaaactc attgcactaa atgtgtctcc cttgggtatag tggaggattt
1740

gaggattgga atatagagta gagtgccttg ttaagcctgg gagcccatct ttatagctat

Microarray Genes (FP19313).ST25.txt

1800

ttgatgtaag aaaagagaca tggccatttc taaactatat aagggtgagtg tgtctattcc
1860

cagcagatat aaaggaaaaa ggaaactttt ttgattccca ccttcccagc ctcacctagc
1920

catcttccag cctcaaatat agagatgtta gtgcaaggtc ctgggctcta ggtgatcatt
1980

tcataagtcc ttacagata aagaaaaagt agtgtttgta tgtttgtttt taagtaaccc
2040

caaaacaaat ttatattgta ttcagcaaaa ttggaattca ggtgtttaat tttagaacat
2100

gaagtgcctg ctgttttaag cattgacttg tataaaaaga attgcatgtc tccagtaagc
2160

ttatgggttt tctcatTTTT aggtatatgg cttttaatca tgtaaagtga aacattagtt
2220

ttcttgcatt ttattacagg ttctttgttg caataaagat gctgctgaaa tcaaaaaaaaa
2280

aaaaaaaaaa
2290

<210> 19
<211> 1055
<212> DNA
<213> Homo sapiens

<400> 19
gtttctagaa tggggctagt tgtatctagg caaatgggta actcttaatt attgtatgac
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atTTTTtct gtatttaatg gttaagattt agaggaagg gcaatatgtg aaaaaaacac
120

gttatgagaa tgtttcacat ttagaccttg agaaattggt atttatttat gccagttacc
180

tatgtctctg aggtgccaag aggatgaatt aatattttat ttcacttggt gagatattca
240

gaaacattaa agtccttggt cctcatgaga aaagaatttt cttgagactt gaaagcatta
300

ctgcagacat ttgctaaca cttttttgt gagctgtgtt aattgcacct acctttatca

Microarray Genes (FP19313) .ST25.txt

360

gtcagaagtt ttgctgattt aaatcagatc ccagctaacc caagcggggc tgcactgaac
420

gccacatctc tattgcccag atttcccagg ggactctgga aattaaccag aagccctcct
480

gctcgaagac caactcttga ggcgtatatg atttgcatag aggttccaat gtgccaagtt
540

cttagaagtt tctgggagcc atacagatga ttactattcc aaatgttctc atcttgggtt
600

ccaccctttt tattcaatga gatttgactt ttctactttt tcactcccat cttcaccaca
660

ccaaaattca tatccaacag tcattgtgta tattatgaaa gttgggtctca atttagtcaa
720

acctgggttt caggggatat agctcacata aaaaggaatg ggaggtatca ttatatggaa
780

atacctgctg tgtgccagag catcctttaa ggattttggt ttctgttgat atttttcaaa
840

ccctccactt tacagaagag gaaagtcagg cccagagagg tcaagaaaat cactttcagg
900

caaacaaggt cacatggaaa atagggattc ctgtgaactc accctgtggt cttctactcc
960

ttcatgctca aaaactctcc cggaatatcaa atgaagcccc tgctgaaggg gggcctgggt
1020

aaaggggatt cacaaaaagc caaacctat ttgtc
1055

<210> 20

<211> 398

<212> DNA

<213> Homo sapiens

<400> 20

atatttaaaa agtaaaacaa actatttggga aaaaaatgac agtaaaaaca ataggaaagc
60

ttgtaaactt cgggcttact atcaaaatca ctaccttaaa gtaatttact acttttaaaa
120

taaagaataa aattaaataa ttcggcattt aaataataag gttagaaagc tgcaactatt

Microarray Genes (FP19313).ST25.txt

180

ctatatggaa aaggatagaa aagaaaaaga aaaacaatga atacaattag taaatccaaa
240

aggaggatga tgataactgt tgcaacctgg ggagtgggaa aaatgtgact ctttataaca
300

aaaactctac ttttgtgcct gatgaacact tcataaacia atttaaaata tatagataaa
360

tccaatgatc agtcccttaa aagggcaaatt gtaaagta
398

<210> 21
<211> 443
<212> DNA
<213> Homo sapiens

<400> 21
cgcggtggcg gccgaggtac tttttttttt tttttttttt tttttggtgt ctgacagaat
60

tactagctat gccattaaag cccagatttt ctttattgga agttttaaac tactaattca
120

atttatttac tctatatagg tctatttaga ttttctactt cttttggagt cagttttggt
180

aattagtatc tttcaaagaa ttgtttcatt tcatctaaat tgccaaattg gttgttgtaa
240

acttgttcat aatattcctt tatcttttta gtatttatag tatctgtagt aataccatt
300

ctttcattct cagtatttct aatttacatc ccttcttggt catttttagct aaagatttac
360

taaactcttt aaagaaccag cttttgattt ccttgatttc tgttctgac tttattactc
420

cctttcttct acttactttg gta
443

<210> 22
<211> 385
<212> DNA
<213> Homo sapiens

<400> 22

Microarray Genes(FP19313).ST25.txt

ggcggccccc ggggcggtac cacgctcccg actgttcgag gtacgctctg ctctctcagt
60

agccaaacag ataacagcca gtacgttggt atcogtatTT tcgttcggtg ttttaacctc
120

agtagcacat ttggaccttg ggtggtatta tatctttgtc tttataataa actcatgcac
180

ttgcttctaa gattgatact tggagcttgc aacttattca ctcataaatg taacttacat
240

atgctttcta gatTTTgcac ttcttcccct gcaccttggT agacctacat tgaattaatt
300

aatttaatta gttcaaacat ttattgaaga agaactatgc agtaggctcc caggatcaag
360

cgatgactta gtctaccttc aaaag
385

<210> 23
<211> 1014
<212> DNA
<213> Homo sapiens

<400> 23
ggtactTTTT tttttttttt tttttttcta taaaatcatc atcttcacca ccttatcagg
60

gggcaacttt tatttaataa cacttgaagt gtttttactt ggtcaattat ggataaataa
120

tccggtttgc ctttctacgc ttacttaaag gaggctgtga attgTTggaa aaagtccaaa
180

actgcaatta tttgatccac tattaactcc ttagtctctc ttgttgactt ccatatcaac
240

atgtaacata tgggggtattc taagcccttt gcacgcccaa ttcaggaaat ccaactgctg
300

ataggactcc ccctcctccc tatcccatTT cccctactc ttagcaaaaac tgcctctttc
360

ccaaactcat ctctatcca cctcaaaaat gttgtccttt attttccttt cctcctatct
420

caaaaaagtg tttctccgaa ttttcaagat tagttcctat atctgtgcta ctgatagccc
480

Microarray Genes(FP19313).ST25.txt

ctcttgcttt atcagttatt ctgtttttcc tcttcagtct ctcattctac ctttcttctt
540

tcacaagtgc tcaaaagtaa acagatgaac agacaaatcg gtcgctaagt ttacttact
600

tgcttgccac aaactctcat gcacttattc ttctgcattt cagactctac caatttaact
660

taggctctca ttatccctcc ctcaaaaagt aaccaaacat ttctgtatag ccaatcta
720

cctccaacaa acatcttaat cataatactc atgtattcaa aattcatcca caagcccatc
780

atagaattca aacacttttt tttctggctt tcaaattttt caacaatccg gctctgatca
840

acctatctca taaaatgata ctgcattgct atctattatc ttttatctac ctacaaaatt
900

caataaaata taatctacaa atttcagtaa aatacaatcc aaaaaatccc tcccttttcc
960

ctactacctt aatttctccg tcctttattg aaaaaagtgc cttttaaact gaaa
1014

<210> 24

<211> 207

<212> DNA

<213> Homo sapiens

<400> 24

acatagaagg gaaaaatggc ttgcttattt caaatagttt tgaggatgaa gcactatgat
60

ggagatccac tgaggtaaaa aggatcctca gcttttttga ttcagaaatg aaatattgat
120

gatttcaatc aagattgatc aaaacctgat gaaaatatcc tgataatcaa tgggaagtag
180

aattacagct tattgtgaga gtcaggg
207

<210> 25

<211> 248

<212> DNA

<213> Homo sapiens

Microarray Genes (FP19313).ST25.txt

<400> 25

tttttttttt ttttttttta aagttggagc tactctgccc atgaggtagc caccctttta
60

ttccttttct taaaacaagt tggaaaacca ttgctataga taaacattcg atttcattct
120

tttagaaata atacatacct atatattaat atattcaata tatgtatcag tcatatatat
180

attcattaaa atgttaacac ccaagtattt agattaaatg ctgttatttg gcttataaat
240

taacagta
248

<210> 26

<211> 1132

<212> DNA

<213> Homo sapiens

<400> 26

cgcccgggca ggtacagata tgtaaattt ccaaaatcca gaaaaaaaaat ccaaaatctg
60

atatatttct ggtcccgggc atttcagata agggataccc aacatgtgtt tgtaactttc
120

aatactaataa aaattagtaa attttgtttt ttacattagg tgcctaaaac tcttgatttt
180

acaccaaaaa gtaatagaac aaaaataaaa agctattata tggaatggca tcagagtcac
240

tctggagcaa caggaagcta actctgtata tcaaccataa tagccttatt actcccagaa
300

ggacatagtt agaagcattt ctggttactc ttcatattaa aatctttggg gttttggctt
360

caatacactc ccttaatggg tggtattatt ccattgtaat gaaataatat tccatggtag
420

cagaaggaat gcttaaattc tgccttactg ttaaattcta tatagatact tgggttggtc
480

aaattaattt ggtgcttcac ccaaagcccc aatgtatttg aactttaatc tttcatagga
540

atctagaaaa gcacacaatt taattaccac tactattcat tatcaaagat tgcattgaatg
600

Microarray Genes (FP19313).ST25.txt

aggtttaaaa caatagaaag aaataaaaact ttagccccct attgctagat gttctggccc
660

atgagagagg cagggcaact taagagcttt ggaggcagac agggcaagac tgtaaattctt
720

ggagcaacaa tttattggct atgtagcctt ggaaaggat cattatTTTT ctctacctca
780

gttcactagg tggaaaaatg gaataacagc atctaactca acaaatgttg attattacaa
840

aaactaacga ttcaaaaagc taatataaat aaagcatcat gttatgcac tttctcataa
900

aaataaatct taatgaaaag catcaacttt tagctttatc cataaaaaat accagacaaa
960

acaaaaaaaa aattctaaaa atcaaaaaaaaa cttcctaac ctgaaaaagt aaaattaatt
1020

atgttctttt gttttcaaaa aaaaaaatta ttaatttttg aaaaaacatt ttaaaaacca
1080

aaattttcct ttttaacttt ttcccaaaaa tttttttttt ttcccccaaa ac
1132

<210> 27

<211> 646

<212> DNA

<213> Homo sapiens

<400> 27

tcacttaaat ataataatga tgttattaat aaacgtagc ttgagatcaa agtgtcaaca
60

aggcattctt ttctcttttg gtggtggtag atttcaccca catattttat gcatctataa
120

caagtccac atagctggct gattactgag ctttgagcag gtagcactgg tcactatgca
180

cagattagta tgattactga gctttgagca gcttgaacag atcactatga tataggctct
240

ggaaagggtg tgcagatatg cctgatgcca aggcactggc aaaattgttg gtaggctggc
300

aagttagttc cttctcaagg aaaaaaaagt gtgaatgatc ctataggtta ctagacagac
360

Microarray Genes (FP19313).ST25.txt

atgcagtttc cctttggaga aggttgactt tggactttga gaaatacatt ttttttcttt
420

taatctaaag agatttgaaa ataatagatg tccaattttt gtttacctat tctgaactat
480

aaggcacatt gctttgttct tctgtgcctc agtttacccc ttttagtaaa ggaggtctat
540

tttaatcagt gagagcttca ggtagctgga ggaatgcttc aggaaacaca aaacacaatg
600

aaaaaattgt tgaatcttaa gctgcatgtt gtggaaaaga actgta
646

<210> 28
<211> 417
<212> DNA
<213> Homo sapiens

<400> 28
aggtactttt tttttttttt ttttttcttt tttttttttt ttttttttgt aactataata
60

tttatcattt taattgatgt gtatagtttt acaaaatcaa atagtaatag aaacaaaata
120

gcatcccttg tgcctcccct ccctattgct ccctgggtctt atacagtcac aaaaagtcac
180

aagaaaccac gtacaaattg ttaagccatt tcttctgcca tttaccttcc aattcctaag
240

gagtatgcat gtgctgttat ttatttttaa cattatcttt ttttctccct gtcttgacag
300

atgttatcta actcaagtgc actttgctct ccctccccca ttcccctggg gtaagcatac
360

cacacagtct ttgagttcac attattattt gtgtcatata gatactgttc acatgag
417

<210> 29
<211> 628
<212> DNA
<213> Homo sapiens

<400> 29
cacttgaagt caaaatgcaa tcacagttct tttgatcttt ttaatcagtt tctccattgg

Microarray Genes (FP19313).ST25.txt

60

acatttttct tgcattgcct cagtaacaga atagaggaga tatattttga tgttactttt
120

ctcttgtcac ttttgaaggg tgggtgttgaa gagatgccac catcagttgg atatataaaa
180

gaaatagcca aataaagaga taatctgtct ctcccatcag cccctgaaca attgatagtg
240

gaaaataatg taatacaatt tataatgttc aagataaaag cttattgata attttttato
300

aataaccatc aaggatgatg taattacaaa actcaagatg atttgacaga atttttcaaa
360

ttattttaa atctaaatattc agactgaata aacttcaa at tagttaagtg gattcatttg
420

atagatgctt tatttttactc attagccaat aaaactctta agagttttct taagggtctta
480

ggacagacag atttatgctt cagtgcacaaa aatcaagaat ttaatcagtt acacaaggag
540

aaagtatgtg tgtatgtgtg tgtatacaca taaccagata ttctcctaag tttttcaaaa
600

taataaaaaac agatatttttg ggattcat
628

<210> 30

<211> 291

<212> DNA

<213> Homo sapiens

<400> 30

gtactttttg taacatacct gtgatgctgc tccaacatcc ctgctaagag ctttgctgat
60

tttaacaagt atgtgattcc actgctgtaa gccaaaggta aacttgattc caccaaattt
120

gcttaagtgt tactttctctg tattaaagct tcaagttcac tcaactgtcta accaatgata
180

cacagctacc tgaagacatt aaaatctttc ataaatttat tctcaatttt tttcttctta
240

taaattacta gcatatcagg ataaagaata aagtgtgtga agaggcaaaa t

Microarray Genes (FP19313).ST25.txt

291

<210> 31

<211> 1154

<212> DNA

<213> Homo sapiens

<400> 31

tttggagggt aacaaaattt caggacata taaaagaagt tgcttattta ttagacaaac
60

aaaagtcacc cagcaaatat gccatggcta ttaaaaatag attgtccagg gaggaagaat
120

aaaccactaa ttaaacactt ttgtttctct tttttttaag ccattaatac tgatacctag
180

agagaaaaat aaaaaccaga aatactttca aaagccaagc atgatagact agcatttato
240

agttaccttt ttattttcaa tcctcaagaa atgcaatcgc ccaaataaat ttttaagtata
300

ccaaaacact aagaaattac aaaactcaat agcaaaataa ctcacgtggt acaaccataa
360

ttacttctat aactagaaaa ttattatcct cataggaaat cctggcaaatt tgctgaaaac
420

atttctcttc tgagttaatc taggagggaa aaaaaataaa acttcagagt ccagtcactt
480

tgaagtcctt atgcccaaaa agacattatc tccatcaatt gtctacatgc gaataatttc
540

aatgtcttt gtctgtgcaa cagccacatt tccttctctt atgatgtttt tcttctctcc
600

ctatcccatt ttcattttca cagctgtttc tggagaataa aatgaagga acattttctt
660

gctctgcctc tccatgctcc actttttaca agtctttgtc tgatttacta cagagaacta
720

taaccaaacc caaaaaaaga atggcaagcg aaagtaggag agaagagtgt gcttttgccg
780

tcagaagcca ccacttctca ggtggaaaat aagaatgtca tgccatgatg acattctgcc
840

ttgtgtcaca atgattaata gtcataattt tttccatta atgggagtaa atgcaaccaa

Microarray Genes (FP19313).ST25.txt

900

gtcgatggaa tctgaccaat tttgcacagc atgggtcagt ggagtgcctat tattttggat
960

ggagaaatga gaaccaaaaa ggaattatit ttccatttag cacctaaagt ggaaaaatta
1020

attttttcat cccccttttt tttccaacct aaaaaaaaaa aaaagaaaat ttttcaaaaa
1080

aaaaaaaaatt ttttttccaa aattttaccc cctttttaaac caagtgtttt cttttttaaa
1140

ttgggaaccc cggc
1154

<210> 32
<211> 875
<212> DNA
<213> Homo sapiens

<400> 32
tactgtctta gtctgtttgt gctgctatca caaataacca gaaactgggt aatttataaa
60

taacataaat ttattttctca tgggttctgga ggctggaaag tccaaaataa agatgctggc
120

aggttgagtc tggtgagggc ccagactttg cttccaaaat ggcattgtgt tgctacatcc
180

ttcagcaggg actaatgcta tgtcctcaca tggcagaagg gccagaaagg gagaagggcc
240

tagccttagt tcccttgaat ccttttatag gggcactaat ccattcacaa gggttccacc
300

ctcatgacct aatcacctcc caaaggccct acatcttaat atcatcacat tggcaaataa
360

cttttaatat atgaattttg tggggatgca ttcagaccat agaagatgct ctttgtttcc
420

cttgaacatt actgtttttt aaggatttgg cctcaaattc cttctcttga tagatctcct
480

tttggaaatta cctatttctga aaatgctcat gtttcactaa ttttcctatg acttttacat
540

ctgtatctct catcttgaat tccagttcta cattttcaaa tgactcatatc gtggacaatg

Microarray Genes(FP19313).ST25.txt

600

cactgtcagc agaaactcaa catttgtaag gcaggactct tcaatttttc ctcattttga
660

tctcctccat accctttaat tgtcaaggac atacttttta ggtgtccaga ttcaaaattt
720

tagaagcatc ctaaataccc tcctttccct aatccccact tatcccctca gtgacttaat
780

cttggaatc attatgatca ttttcataaa tgtcctttta tttttaaaat gattttgaag
840

attttttttc cataaaaacc tttttttttt ctggc
875

<210> 33
<211> 1270
<212> DNA
<213> Homo sapiens

<400> 33
cggtggcatt gcactcgttc gttgttagat atggaaaacc aattgactgt tgtatattaa
60

acttgatcg tgcaaccttg ctataaatta gttccaggat tttttttttt ttttttggtt
120

ggttcctcgt ggatttagct atgtagtcac atgtatcgtc acttgtgaaa gaaaaacaca
180

atgttattac ttccatcgct catatatcca atcagtaaac ttaccatagt gaaaagaata
240

tagtaccac agctagtctc tcacatgaca gataagatga atggatagcg catcaatggt
300

tgacaacttc tctaaagtaa atacgcgctg gctgtctctt ttcaagatta acacaagata
360

tgtgtcaaac ctacaaacaa gaggacgctt attccctcgc ctctacagtt attgaatacc
420

tggagctgca cgacttctat atcaaaactta cagaccccgt ctacctctag ggaggagcac
480

cggactcgt caagacatcg tatgaaagag tctctataac ccgctgctct attcgtcgtc
540

ccagagtgc cgtcccagcc ctagctacat ctgtggaaat acccgagtta ataccctta
30

Microarray Genes(FP19313).ST25.txt

600

gcagggttatc ccccgttcga tcaacaagtt gtgatagccc aaaaaagcgc ccgacacaaa
660

atcaacctta gcctaactat tagaaacaaa cgaccaaccg cccagggtgca cggtaaccat
720

gaaccccacc gctatcacc tcccgctttg acgcggtgca caaccgcccc ccgcgctcca
780

ccaactaccc cttattctgg gaaccacctc tcgccccgct cctctttcca ttacccccat
840

tacaattgtc ccggttcctt ccacgcccta cttatccacc taccaaaagc ccctaaactt
900

ccgaaacgcc tctcttccca ccagttccac aaatatatct caatttatca ccgggacaac
960

caccccccca caaaaatctt tattcacccg cctctgggat ttacctgata ttgcgcttca
1020

accctctcac caccagacac atttttatca tcctatcgcg caggattggt atgccccccc
1080

tacctacttg aaagaaatcg aatctaaggt ttgtctacaa ccttaccac cactccccac
1140

tccaagcagc cacatatctt gtccacattt attttttcta atcctcagta atggaaaccg
1200

cttcgctca tatcacccaa cctacactgt ctcggtttga gcgctgtatt ggttggtgct
1260

tagacaatac
1270

<210> 34

<211> 501

<212> DNA

<213> Homo sapiens

<400> 34

ggggagctcc ccgcggtggc ggccgcccgt ggcattgtaca ctgtaaagtg aaaaaacatg
60

actgaaagaa atttttaaga agctaataaa aaagggcgga cagcccatct tcatggattg
120

ggaagactta atactgttaa gatggcaata cttctcacct tagtctatag attcaatgca

Microarray Genes(FP19313).ST25.txt

180

accacatcc cactttcctt tactgcagaa attgacaagc tgatccaaaa aattgtaagg
240

aaatggcaag ggatccataa tagacaaaac aattttgaaa aagaataaaa tcaaagggct
300

ttgtaacact aagggtataa aactcctata agaaaataaa ggaggaaatc tttgtgacct
360

tatctcaggc aaatagtttc tttgatatga catcaaaagc atacgtaata aaagaaaaaa
420

atagagatat tgaacttcat caaaattaaa aacttttgca tttcaactat caaaaaaaaa
480

aaaaaaaaaa aaaaagtacc t
501

<210> 35
<211> 373
<212> DNA
<213> Homo sapiens

<400> 35
ccatagatag aaatattaat acccatgaaa gagaggacaa tgaaagggtt gtatcatttg
60

tatgtcacia gtcaactttt ttcaatcact cattattagt ttaactgtaa aaaattattt
120

acatttagcg tgaaactttc ctgtattctc aacatatctc cttcgcgtag aaaagcaaac
180

ctccagttct ctgttctttg cttggatact tgccagtttg taactcagct atcaaacagt
240

aaagctcaca aaacacttat taaaatgact aaaatccaaa acaccaagag cacagcatgc
300

tggtgagatg tggagcaaca agaactttca ttcattcact aatgctggca atacaaaatg
360

gtacctgccc ggg
373

<210> 36
<211> 563
<212> DNA

Microarray Genes (FP19313).ST25.txt

<213> Homo sapiens

<400> 36

gggaaagaaa gggggagcgc cggccggggg gcggccgccc gggggcaagt actctagaag
60tgagcattag cgtgtgtgtt attgttcgtc gaattcacat cgcaagttac aacatgtgct
120ctatcaacac gatttaaaga aatatggggg tggaattaa aaatgtgcta tttcaaaaaa
180caaattctaa cgccattcc ttgggacat ttctcttggt agaacgaata agcacgcacc
240agaaagaaac gaattcataa aactgatcaa tatgtattga ctaagtatct taattttttt
300atttcgtaat atcacgatta aaaaaaacat tgagagcatt tataagaact aagatgttat
360aagtaattca cccggaatga ccgtcctcac aggtcgcagc tgcaacactc tataactaag
420gaggacaaat ttattcgcca ggctgcaact actcgtgcgt ttctttatcc ttgaagcata
480gctaactttg attataacc ttcttcacaa cgctcttcc tgtaagtgtg cacaacaag
540gaaaattcca ctttgaagta tct
563

<210> 37

<211> 1280

<212> DNA

<213> Homo sapiens

<400> 37

gcgcgcggcg gggaggcaca gcctgtttaa ctcgttaatg ctgcatcagt gatagatatt
60tcgcgaagcg ggaatacaca atgtgtccag ggtgggtgctc ttttgtgttg tttgtatggg
120tcagagggga ggggtggctat atccttgcca gctaaggaga tgctcaggct tacacactac
180ctgggtgtcca gcgaatgact catcttacag catcacgaat atgttggcgt acaccaatac
240

Microarray Genes(FP19313).ST25.txt

cttatccacc cgttctgact gccttaaagt ggtattacag gagaagactt tgatccatcg
300

catcctgaac gtcattcatt gtgagaggac aaccgtcctt gtactatgac catcttctaa
360

acagacatgc atcggaccag aggaagatcg gctgacatcg tgtatctgcg tgcctatgcg
420

tttccgctgt agctccttag ccctgtggac acagtatttg gactgcctgt taagttagct
480

aggcactgct tgacgggttc tcccacacga agatcctcac gttgacacag atttctgtt
540

catcttatgt gtctgggtcaa cttgttgccc cggcccaaca tgacctatcc cttctacggg
600

ttcacaatag taccgttccc taacagaatt cctcacgaac tgttaccagt ctacaggaaa
660

agccattacc ctgactctct gactttgcca cactcaagat cccctgctct acgacaaggg
720

aagcagacgt cagcacctat agtttacacg ttgtattctt tcttggtact ttgacgggtca
780

tacagtgtta tgcggaaagt atcacaaact aaccgaacgt gcccagcag acatcctccg
840

caaatcgaaa ccgctcccca ttcgagttga catgtacacc aacctctctt ccctgtctat
900

gcctatatta tgtcagcaga attcttttaa aaaattagtc agtttgccct cgctttcggt
960

tggactctcg cacccaaagc gtaccgaacc cttaaccttc cagatgcccc cgcgtgtctc
1020

cacttgcttc caatcctgag ggctccgccc cctacccttt cctctatcgc aaacccccct
1080

atcctcattg acggcgcttt taatccacta tgtggccccc cccgtccctc gcttgaaatc
1140

accggctttc atccccctat cccattcccc cacacccttc atgggtgctgg gtccccccga
1200

cccccttttc tccactcata ggccagacac ctcatctatc tacgaataac cccgccgccc
1260

cctcctcatt ttataataa

Microarray Genes (FP19313) .ST25.txt

1280

<210> 38

<211> 953

<212> DNA

<213> Homo sapiens

<400> 38

tggtagtaat gtagtattta agataaaggg gtttagatag taaagataga aaaagaataa
60

aaaaaatatt gattggataa ttaaaaagag attttggtga tggggatgaa gatctatata
120

gagtgtgatt ggtagggttg tggagtatga gttgatgatt atgggaatga taaggatgta
180

gttggtggag tattattgaa ttggtatta aaagtaatgg ataaagggtgg gtgaaggaat
240

tttattgtac aaaaatgggtt ggggcgtctc acgggggtga gtcaacttac cctattagac
300

gtttatactc tctatcacat ctgggcgtca tgacaacaaa tagccgccgc tattccaag
360

tccctcaact ggggtggcgtg atacgcgccc gggaccccc ctttaacagt cgtttgcccg
420

cgggagtgtt gtatgcttcc ccottgacgc cagtgcaaaa acctagatcc taggcccta
480

acgcaattat tatgacacta tctcacacca tgggcatgcg ggcattcacg tcgataccat
540

taacottgtt tatttcccct gtgttgogac caatattgtt ttttaggcca gagcctttac
600

tcaaggggtt tagccatttc cgcgcccgta gcatacgcca tcccctctcc taatagtagc
660

attaactgca acgaagacat cctacacgtc cctgttatac atcattccac acaaattttc
720

gtcccccaac tacctatgat ttcccctaac attacctcaa actatcgtct ctacaactga
780

ggagtaatac cacccgtaga acgtcacaag aatggctaata ttctaaaaca tgcgatagcc
840

tgcgatagac tagaatacac aattcatcta caaaaaaat ctgacccaat gaaattaata

Microarray Genes (FP19313).ST25.txt

900

aacacaataa tgacaatacc acattgccct acacaccagc tacaaaacca ttc
953

<210> 39

<211> 660

<212> DNA

<213> Homo sapiens

<400> 39

cggccgaggt acattcactt aaatataata atgatgttat taataaacgt tagcttgaga
60

tcaaagtgtc aacaaggcat tcttttctct tttggtggag gtagatttca cccacatatt
120

ttatgcatct ataacaagtc ccacatagct ggctgattac tgagctttga gcaggtagca
180

ctggtcacta tgcacagatt agtatgatta ctgagctttg agcagcttga acagatcact
240

atgatatagg ctctggaaag gttgtgcaga tatgcctgat gccaaaggcac tggcaaaatt
300

gttggtaggc tggcaagtta gttccttctc aaggaaaaaa aagtgtgaat gatcctatag
360

gttactagac agacatgcag tttccctttg gagaagggtg actttggact ttgagaaata
420

catttttttt cttttaatct aaagagattt gaaaataata gatgtccaat ttttgtttac
480

ctattctgaa ctataaggca cattgctttg ttcttctgtg cctcagttta ccccttttag
540

taaaggaggt ctattttaat cagtgagagc ttcaggtagc tggaggaatg cttcaggaaa
600

cacaaaacac aatgaaaaaa ttgttgaatc ttaagctgca tgttgtggaa aagaactgta
660

<210> 40

<211> 652

<212> DNA

<213> Homo sapiens

<400> 40

Microarray Genes(FP19313).ST25.txt

tgatgtctga gtaagtaaaa aaaaaaattg cttacagaag tgaccagata tttatatata
60

aaacaactgc tgtgtttcat atctgcacct cagattttta tacctttcac tttaaattct
120

actagctgag atagacgact atacaacaac taaagaaaaa gaaaaaatat tataatatct
180

catgtatcta gtgttacaga gaagttccca tcaactgctg catcagttag ttaactggag
240

gaataacacg aactatgaat agatgacat tttttcagag aagtagaata aaataaaatt
300

caccaaatac aataaaataa gtaatatatt taaaataagt agcataaaat ataataaaat
360

tcagatagag aaaatgaaca gggttcaatt ttttttctga tgtcaagtta ccatttgttt
420

cctattcatg gagttgaagt gactaaactt tttgataatg ccagatttat tcataattcc
480

tggataaagg aatttaatga aaaaaatata atgactagta tatttctaag gccataaaac
540

tgtcccaaag aaataaactg aaaaagttag aaaattaggt tcaccaatct gtatgtatat
600

aaaagagtaa aagaacagga acaacaaaaa acccaccctc agaaacagag ta
652

<210> 41
<211> 878
<212> DNA
<213> Homo sapiens

<400> 41
ggaatgcatt ggtatgtgtt ctcggtcag aaagctatat gagatccgcg gtcagggagg
60

atagcaccac catgggatct acaagaactc cgccttctct catgtgggta tctaactcat
120

caactactct gtcttgagct caaatgggac aggcatactc ttcagcatag ccacgtaca
180

attgctcttc tcgagctact atcaccaca ttaaggtctt tcatgtcctg atttagacgc
240

Microarray Genes(FP19313).ST25.txt

gagctctgtg cctagcgagg ttattcctac ccctggtgta cgtgcccggg cggacggtca
300

tgatcatggg catgagacgg gctgatggaa ggctggatct agcaaaatcc tggcgtcaaa
360

tgctaggttt tccactaaac tatcttaaga caatagagtg tacatctata cgaggagaaa
420

gttggctatt atactgtcct tgagatcaca tataacagac ctatctcaag gctgtgaaaa
480

aagtccttta acacgatcaa attatctgtg tagcagacat atatatcaag cagtatagaa
540

actacttaca catgcaattt acagatatct ctagggaaaa aacaagcact cacgaatagc
600

agtataactt gaaagagttg agagaacttg cagacgatcc acagactagc tctatagctg
660

attatacatt aggtagagac tcttgatatg tctgttaact agatgatttt ccaaataat
720

ttgtttttcc atgtttccct ttggatccag atatagtcac tacttccttg aagctcacia
780

aaccctctga ggatatgaat gactgaaagg aaacatccct catatataaa acatatttcg
840

ttacacatgt taaactccct tcttaaaaaa tgggtggtt
878

<210> 42

<211> 572

<212> DNA

<213> Homo sapiens

<400> 42

aggcatttct tattaataat gctagcattt atcctttaca gatcttcact ttatccacia
60

gacaatatgt aaattaacia taaattgatt gtttcattga tcattgggtt ctttggciaa
120

catttgcct atgggaagct gaattaaggt aggaaaatac tttttgctac attgctattt
180

ggggaaacgc tctgatagaa ggtctccata gttggtggaa ttccagaatc caattagcac
240

Microarray Genes(FP19313).ST25.txt

ccgaatgaaa tgtaaataat aggtctcaca attttatgtc agatgtgctg tgtatgagcc
300

cagacatatt ttcacaaatt agttgtccta atgctggttt tattttgggtg tattataatt
360

cacaaaacgc tactgatacc aaacaagata atcaatgtga ttcttggtat gtactaggac
420

cacagtgatg tgtattgaat aaatgaatac atgaatgaat aaacctcttg atcactgccc
480

cctagctggt gaatttcatg atattcacag gtgttcttta ctgccttcat ttctctcctc
540

ctttaaccaa aaaaaaaaaa ataaaaaaaa aa
572

<210> 43
<211> 330
<212> DNA
<213> Homo sapiens

<400> 43
gctgatcaca ccatgctggt ttctgtgttt atggagaagt gttcagggtg ggctgctgtg
60

tttgatatta aatctgagat gaacttcagg agatttcctg ctttttatta caaataattt
120

tggttagggg cagtgttatc ctgttcataa atcagggtgt ctcagagatt taataattta
180

gaattcacat gaggatttgg tggaataaac atttcctttc tctgttaagc tgctctttaa
240

ctttctatct tcccctttct cttcactgct tccatttttt taagccttct ttaagtcttt
300

gccaaaaaaa aaaaaagaaa aaaaaaggta
330

<210> 44
<211> 478
<212> DNA
<213> Homo sapiens

<400> 44
cgggtttatg cttttttgct ttttaaaatt cttttttata tcatgttcaa aaagggttca
60

Microarray Genes (FP19313).ST25.txt

ggagggaata agataagctc atgtgttcaa catactgtgt ttaactgaaa acctctttat
120

agttcttctaa gattatagct ttaaaatgac taatttaggg tattagatat gccaaagttct
180

atgaagagtt cccttgtaat taaactccac aaaaagtaaa ttcaattgta tttaaaatgc
240

cttccattta tcccttttag taaactaatt ctgacattcc cagaagttgt ctaaaaattt
300

gcttctcagt ctatgtaagc ggtaaacata tttttctgga acaaagggtga ttgaagctag
360

tctgaactaa tcattagcaa gtttgctaaa ataagggttaa gagggaaaac tctctattcc
420

caggaatcta agacatgatt taaagaaatc ctcagagaac aaaaggctgt caaatcaa
478

<210> 45
<211> 19
<212> DNA
<213> Homo sapiens

<400> 45
agacagagga catccacct
19

<210> 46
<211> 19
<212> DNA
<213> Homo sapiens

<400> 46
atcgtgagcc ttcgtttgc
19

<210> 47
<211> 19
<212> DNA
<213> Homo sapiens

<400> 47
ttatgggaga gagttccct
19

Microarray Genes(FP19313).ST25.txt

<210> 48
 <211> 19
 <212> DNA
 <213> Homo sapiens

<400> 48
 atatcatagg tgatgggccc
 19

<210> 49
 <211> 19
 <212> DNA
 <213> Homo sapiens

<400> 49
 atgttacttg ggttatggt
 19

<210> 50
 <211> 19
 <212> DNA
 <213> Homo sapiens

<400> 50
 ctgtgatgct ctttcacac
 19

<210> 51
 <211> 64
 <212> PRT
 <213> Homo sapiens

<400> 51

Gln Val Leu Glu Val Tyr Ser Leu Phe Gly Leu Leu Ser Asn Phe Asn
 1 5 10 15

His Lys Ile Gln Asn Val Asn Tyr Gln His His Phe Ala Tyr Tyr Ala
 20 25 30

Phe Cys Thr Leu Ile Ala Ala Thr Ser Lys Asn Arg Thr Lys Gly Pro
 35 40 45

Phe Phe Gly Thr Ile Ser His Phe Thr Thr Lys Lys Gln Tyr Gln Glu
 50 55 60

Microarray Genes(FP19313).ST25.txt

<210> 52
 <211> 63
 <212> PRT
 <213> Homo sapiens

<400> 52

Leu Asp Ser Val Ala Glu Asn Thr Tyr Arg Val Leu Ser Ser Ile Pro
 1 5 10 15

Phe Phe Cys Pro Pro Lys Lys Ala Gly Leu Tyr Ala Glu Ser Pro Lys
 20 25 30

Thr Lys Gln Lys Thr Pro Ser Asn Ile Gln Ile Phe Asn Asn Val Ile
 35 40 45

Lys Asn Phe Met Ile Pro Lys Gly Phe Val Cys Ala Leu Ala Met
 50 55 60

<210> 53
 <211> 42
 <212> PRT
 <213> Homo sapiens

<400> 53

Gly Thr Leu Phe Leu Arg Val Gly Phe Leu Leu Phe Leu Phe Phe Tyr
 1 5 10 15

Ser Phe Ile Tyr Ile Gln Ile Gly Glu Pro Asn Phe Leu Thr Phe Ser
 20 25 30

Val Tyr Phe Phe Gly Thr Val Leu Trp Pro
 35 40

<210> 54
 <211> 98
 <212> PRT
 <213> Homo sapiens

<400> 54

Met Asp Gln Arg Leu Gly His Cys Gln Leu Ser Ala His Ile Leu His

Microarray Genes (FP19313).ST25.txt

1 5 10 15

Ile Thr His Leu Gln Val Leu Lys Thr Gly Lys Cys Pro Gly Ala Gly
20 25 30

Arg Cys Cys Lys His Val Ser Val Pro Gly Gly Gly Ala Pro Ala Gln
35 40 45

Leu Ile Gly Asp Ser Phe Tyr Pro Ala His Pro Phe Gly Gly Tyr Thr
50 55 60

Ser Leu Ala Gln Ser Leu Ile Ala Glu Glu His Pro Pro Ala Asn Ser
65 70 75 80

Ala Gln Ser Pro Pro Pro Val Leu Thr Thr Phe His Trp Phe Val Cys
85 90 95

Leu Asn

<210> 55
 <211> 62
 <212> PRT
 <213> Homo sapiens

<400> 55

Ala Ala Pro Gly Ala Val Pro Arg Ser Arg Leu Phe Glu Val Arg Ser
1 5 10 15

Ala Leu Ser Val Ala Lys Gln Ile Thr Ala Ser Thr Leu Leu Ser Val
20 25 30

Phe Ser Phe Val Val Leu Thr Ser Val Ala His Leu Asp Leu Gly Cys
35 40 45

Tyr Tyr Ile Phe Val Phe Ile Ile Asn Ser Cys Thr Cys Phe
50 55 60

<210> 56
 <211> 52

Microarray Genes(FP19313).ST25.txt

<212> PRT

<213> Homo sapiens

<400> 56

Arg Pro Gly Arg Tyr Arg Tyr Val Asn Ile Pro Lys Ser Arg Lys Lys
1 5 10 15

Ile Gln Asn Leu Ile Tyr Phe Trp Ser Arg Ala Phe Gln Ile Arg Asp
20 25 30

Thr Gln His Val Phe Val Thr Phe Asn Thr Asn Glu Ile Ser Lys Phe
35 40 45

Cys Phe Leu His
50

<210> 57

<211> 33

<212> PRT

<213> Homo sapiens

<400> 57

Ile Asp Arg Asn Ile Asn Thr His Glu Arg Glu Asp Asn Glu Arg Phe
1 5 10 15

Val Ser Phe Val Cys His Lys Ser Thr Phe Phe Asn His Ser Leu Leu
20 25 30

Val

<210> 58

<211> 103

<212> PRT

<213> Homo sapiens

<400> 58

Met Ser Ala Glu Phe Phe Lys Lys Ile Ser Gln Phe Ala Ser Ala Phe
1 5 10 15

Gly Trp Thr Leu Ala Pro Lys Ala Tyr Arg Thr Leu Asn Pro Pro Asp
44

Microarray Genes(FP19313).ST25.txt
20 25 30

Ala Pro Ala Cys Leu His Leu Ser Pro Ile Leu Arg Ala Pro Pro Pro
35 40 45

Thr Leu Ser Ser Ile Ala Asn Pro Leu Ile Leu Ile Asp Gly Ala Phe
50 55 60

Asn Pro Leu Cys Gly Pro Pro Arg Pro Ser Leu Glu Ile Thr Gly Phe
65 70 75 80

His Pro Pro Ile Pro Phe Pro His Thr Leu His Gly Ala Gly Ser Pro
85 90 95

Arg Pro Pro Phe Leu His Ser
100